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THE AVIATION

Sponsored by the Embury-Riddle Aeronautical University
Student Government Association

VOLUME V

October 30, 1970

Number 7

BOYCOTT CALLED OFF

The boycott is off for good. Tuesday, the SGA voted to call off the proposed boycott and give the Sands Vending Co. one more chance. A list of discrepancies was drawn up by the Executive Board and presented to V.P. Manson and the Sands Vending Co. Contained in the list were such items as: bring vending machine maintenance up to an acceptable level; provide a greater variety of food at the hot lunch counter; keep hot lunch counter open until 4 PM; minimize loss of money; and the school lower their commission in order to stabilize prices.

V.P. Manson assured the senate that all of these requests would be met.

The meeting was then open for questions from the floor pertaining to Sands operation on campus. These questions are contained in the SGA Mini-Minutes.

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GENERAL SPRUANCE DURING FLIGHT SAFETY TALK

SPRUANCE SAFETY HITS

Last Friday at 3:30pm, General Spruance gave his safety lecture, "The Will to Live" in Room 108-110. About 180 students attended and most thought it well worthwhile. It covered not only safety in the air, but automobile safety and safety in combat areas as well.

General Spruance, one of the foremost safety experts in aviation, has given this lecture to quite a few aviators and has attended them thanking him for his information because it was what they felt had saved their lives.

It started off with an explanation of how the General almost lost his life in a T-33 accident and some methods the students could use to prevent injury. Next, he showed slides of his accident showing how and where the accident happened. Some of the slides showed how protective clothing helps prevent burns and what happens to people who did not wear them.

Some of the slides were taken in Vietnam where General Spruance has gone back on three occasions to deliver, "The Will to Live"

They showed accidents in which the men survived after listening to his lecture and practicing what they had heard. Most of the slides were sent by the men themselves along with their letters of thanks. After he finished, a couple of ERAU students who had heard him in Vietnam, came up and thanked him for what he told them there and then related their own stories of how they had been helped by what he had said.

The lecture was videotaped and will be available for any class that wants it.

HALLOWEEN COSTUME BALL

DESERT INN

OCTOBER 31

8:30 - 2:00PM

ID AT THE DOOR

BYOB SET-UP PROVIDED

MUSIC BY THE HAMMER

PRIZES

speaking out

The AVION reserves the right to edit letters as we see fit in accordance with good journalistic practice. All letters must be signed, although names will be withheld upon request from the writer.



PRESIDENT'S CORNER



In the next few issues of the AVION I would like to make everyone aware of some S.G.A. constitutional changes that I am proposing and the reasons behind them.

One of the most important changes is Article II section 2.01, Election. It states "Elections will take place on the sixth Monday following the first Monday of each trimester. The elections held in January shall constitute the General Elections in which the Executive Officers shall be elected."

I believe that these general elections for officers should be held the first of December so that there is a continuity in the S.G.A. Executive Officers. As it stands now, almost two months can go by without S.G.A. officers. If the elections are in December, then the newly elected officers could take over January 1st or when the present officers leave, which ever comes first.

This and other constitutional changes will be presented in future AVIONS in time for you to consider them. There may be a vote in November to see if these changes will be approved. If they are, then the general election for officers will be in December. Those who may want to run for office should be thinking about that now.

Terry Miner

Terry Miner
President
SGA

LETTERS

Dear Editor:

Last Friday, I had the privilege of hearing General Spruance give one of his fajous and informative lectures on air safety. Obviously, the General had spent much time and effort preparing and presenting this material. There is no doubt that he is an expert on the subject of air safety.

What remains a doubt in my mind, however, is why a man like General Spruance felt it necessary to delve into the topics of Vietnam and Communism. A lecture on air safety should be on air safety, and should not be used as a platform for personal opinions - no matter what those personal opinions might be.

General Spruance is a remarkable and a courageous man, but to my knowledge he is an expert on air safety, and not on Vietnam and Communism.

Barbara J. Gathaney

FOOTBALL ANYONE

BY GARY SPANGLER

Witnessing Sunday's football game between Sigma Chi Delta and Sigma Phi Delta made me realize that there is more to a football game than the competition of the two opposing teams. The calls or, more importantly, the conspicuous lack of calls at specific times on the part of the participating referees made for a football fiasco.

The first half went by very quickly - about 10 minutes. I apparently have more to learn about flag football, I guess, for I was under some vague impression that when one player drags an opposing player ten yards down the field by his shirttail, this was called "holding",

and holding was supposed to be a NO NO.

After the refs lost track of time for the third time the first half, I decided, with a stop watch, to keep time during the remaining half. Now I've done this before and been in error perhaps 30 or 40 seconds - but 20 minutes? The second half lasted over an hour.

Between Sigma Chi Delta's second half touchdowns and the model airplane show on the parking lot, the referees' attention was divided, so I guess we can't blame them much for missing some of these touchdowns.

All in all, Sigma Chi Delta and Sigma Phi Delta played a good game. It's too bad the refs weren't awake long enough to notice.

* * * *

How many of you saw the football games last Sun.? If you were there, sit down and recall what you saw on that field! This observer saw much underhanded chicanery going on between players, refs, and visa versa! Am I seeing things or did I see a sign around here somewhere that says---University? Hardly! Is this University football? Administration and Athletic Department wake up! Rip Man Winkle didn't sleep this long! We desperately need unbiased refs on that field, and NOW, not next year or the next as is standard policy around ERAU. This type of sportsmanship is a disgrace to the school to say nothing of the participants and devoted bystanders! Let's see some action taken!

Misery is...a purple tie.

"NO CHUCKWAGON ON THIS BASE"

BY FRANK D. SENTOR

After attending the S.G.A. meeting on Tuesday, October 27, 1970, which primarily dealt with the proposed boycott of the Sands Company's service, I could not help feeling elated about my "friendly" S.G.A. being at work for me. Once again, the "senators" sat and listened with their usual height of attentiveness. After the normal proceedings were disposed of, the meeting was then turned over to Vice President Manson, or I should say Major General Manson, who stated that the school's profit margin on the Sands contract would be dropped from 14% to 10% for price stabilization along with his personal guarantee that service and quality would be improved. A thought was raised about the possibility of contracting another vending machine company on campus to provide competition for Sands which might give Sands the incentive to live up to their promises of higher quality and service. This idea was dispelled immediately and it was stated that Sands would leave ERAU (big deal-what have we got to lose anyhow?). Also, a proposal was made regarding the possibility of having the "Chuckwagon" return to campus. At this point, Major General Manson stated: "I will not permit the 'Chuckwagon' on this BASE!!" Flash! ERAU is now a base rather than a University.

The representatives from Sands had nothing new to say as was the case during the last "boycott". I think Sands should change its name to coincide with the Broadway hit "Promises, Promises!" Sands claim's it is operating in the "red". Why do they stay with ERAU if this is the case? Perhaps they are operating under illusions of grandeur and have their little golden hearts set on obtaining the food service contract when the new wings of Dorm I are completed. After a few more questions from the "troops", Steve Avery moved that the discussion be terminated. Once again



NEVER THE TWAIN SHALL MEET



the administration and the S.G.A. get the elevator and the students get the shaft.

As I reread last week's Avion, I noticed an inspiring statement made by Terry Owens, Speaker of the Senate, to A&P students. The statement read: "Keep the faith." I did not realize that anyone had any faith in the SGA to keep. Incidentally the price on cokes is being raised to 20 cents. That's keeping the faith, baby.

During the entire aforementioned S.G.A. meeting, the only presentation that was worth listening to was Cam McQuaid's information regarding the Blood Drive.

Aside from the discussion about Sands, another highlight of the meeting was the disclosure of the plans for the "Masquerade Dance." We were tantalized with such intriguing hints as monsters being present, a girl being thrown off a balcony

and police officers patrolling the premises with flashlights that are to have colored pumpkins covering the lenses! This sounds like another first sponsored by the Embury-Riddle Jr. High School's S.G.A. You may also look forward to eerie sounds taped for scary purposes (for those of you who the S.G.A. thinks still believe in the Easter Bunny, too!) It is unbelievable that students, at an age when they are supposed to be mature, consistently cannot propose any ideas for social functions other than those which would bore a child in elementary school!

So, kiddies, attend the "Masquerade Dance" and while you are dancing, indulging in your favorite beverage, or whatever, remember: "Keep the faith-" your "friendly" S.G.A., which is all-powerful as once stated by President, Terry Miner, is always working for you.

* * * *

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SENATOR LOSES INSIGHT

BY MICHAEL A. WINTERS

It is evident by the premature reply of a letter to the editor that appeared in the form of an article in the AVION last week, that one of our student representatives to the SGA Senate lacks any real insight into the responsibilities of his position, and to the makeup of a segment of the student body called the Maintenance Technology Division.

Students in the A & P Division of ER are by their own definition, "Technicians, Mechanics, and Tradesmen," not administrators. At election time, the now present members to the Senate of the SGA came before this student body and ASKED it to afford them the privilege of representing us before the executive committee of the SGA. In doing so, they took on the responsibility of airing before the SGA all suggestions and grievances that might arise from the student body in this division. With it went the responsibility of seeing that all clerical and administrative requirements set forth by the SGA for such suggestions be met.

According to an article that appeared last Friday in the AVION it is the contention of one of our elected representatives that if approached by a handfull of students with a suggestion or grievance, that he is held by some mystical, overpowering force to complete inaction on his part unless one of the students goes on record and files a formal resolution to the SGA first. In all practicality and understanding of his fellow students, this is ludicrous even to suggest for two reasons: the first being that most A&P students don't know what a resolution even looks like, and second (and most important of all) it shows complete lack of initiative on the student's behalf by the senator. Why can't a senator verbally air a suggestion or grievance on the senate floor on behalf of a student or group of students? Is this

asking too much? If it is why did they ask to be our "voice" in the first place. It would benefit all concerned if the representatives aligned themselves with an understanding of the students they are allegedly representing, instead of giving us worn out excuses of bureaucracy for not being able to say anything on our behalf.

The Oath taken by senators when installed in their offices goes as follows:

"I, _____, do solemnly swear (or affirm) that I will faithfully execute the Office of _____ the Student Government Association of Embry Riddle Aeronautical University, and will to the best of my ability fulfill the duties required of my office."

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WIVES' TEA

Embry-Riddle Veterans Wive's Auxiliary held a tea, Sunday, September 27 to welcome new members to the organization. We were pleased to see so many new faces turn out. Wally Shauns conducted an interesting and informative tour around the campus, after which Mrs. Jack Hunt welcomed the girls to Embry-Riddle and encouraged us to be active in school activities.

Refreshments were served during the social hour which followed a drawing for a wig, courtesy of Mister Roberts. Judy Kitchen was the holder of the lucky ticket.

It was a lovely afternoon and we hope to see all the girls we met at our meetings.

If you are interested in joining and weren't able to attend the team, we would love to meet you at the next meeting. For information, call Linda Moore, 253-0732.

* * * *

SHARE THE RIDE

STUDENTS ARE REMINDED TO MAKE USE OF THE SHARE THE RIDE MAP LOCATED ON THE NORTH WALL OF THE STUDENT UNION.

IF YOU NEED A RIDE SOME PLACE, OR IF YOU WISH TO HAVE SOMEONE COME ALONG AND SHARE THE COST, JUST LEAVE A NOTE ON THE APPROPRIATE HOOK NEXT TO THE MAP.

* * * *

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ΣΦΔ AHP ΔΧΣΧΔ

SIGMA PHI DELTA

BY BRUCE ROZETT

On October 23 and 24 at the campus of Indiana Institute of Technology at Fort Wayne, the 11th Eastern Province convention of the Sigma Phi Delta Fraternity was held with Lamboa Chapter as host. Chapters from University of Illinois, University of Indiana, IIT, Embry-Riddle and several alumni chapters were in attendance. Representing Pi Chapter of Embry-Riddle were Bruce Rozett, Denis Waltz and Chapter Councillor, James Goodhart, a 1967 graduate of ERAU.

One purpose of the convention is to discuss fraternity business. But since Sigma Phi Delta is a Professional Engineering Fraternity, the real benefit of the convention is the exchange of various ideas among students of the same program. Many ideas were exchanged concerning the various aspects of fraternity operation.

The whole convention was a tremendously rewarding experience. Over Thanksgiving weekend in 1972 the 12th Eastern Province convention of the Sigma Phi Delta Fraternity will be held here at Embry-Riddle. Pi Chapter is really looking forward to that one.

BY JOE RUBEL

Well, the weekend was filled with many events which proved to be most interesting. We had a few brothers take off to see friends and others went home. Our Chief Engineer Bruce Rozett, Junior Convention Delegate Deny Waltz, and Chapter Councillor Jim Goodhart went to Ft. Wayne Ind. for the 11th Eastern Province Convention of this fraternity. Other Chapters' views and opinions on various subjects were discussed. All had a fine time even though they missed their plane home.

Pledges have been raiding with water balloons, but the brothers still have everything under con-

trol. Last Friday night, the pledges went looking for the almighty sacred rock that was part of the castle. "What do you mean you don't think the rock is out there pledge?"

Our football team really has the ball moving now. Outstanding effort was seen throughout the team as each player saw his way to victory. Outstanding player was McEllis with simply amazing catches. A good clean game of football by both sides saw Sigma Phi Delta victorious over Sigma Chi Delta, 20-12. "It is better to have loved and lost than to have never lost at all." Good game guys!

THE PROFESSIONALS

ALPHA ETA RHO

BY BOB DUDEN

PLEASE BLEED! As you sit in class this morning, watch the clock. Every 3 seconds someone in the Central Florida area needs blood. It's not too big a sacrifice to ask of you, yet that one gift might very well be instrumental in saving someone's life. Embry-Riddle has constantly led the Central Florida Region in blood donations. Once again we ask you to give, stop in today, anytime you're free, and give the gift of life.

With that gift, pledge your donation to AHP and come over to our place Friday night to take part in our big "Blood-Bath Party". We would greatly appreciate your gift as well as your pledge.

I would like to thank Gary Anderson for filling in for me last week - my head has finally stopped throbbing and I'm ready for our game.

This past Friday the Brothers and pledges got together over our garbage can and poured in over ten gallons of alcohol. Some lucky pledge was the first to sample the results - an autopsy is now in progress. The evening was passed in a foggy stupor as our gar-

bage can was drained. We would like to thank Ed, Jack, and pledge Brian for the music, and I'm sure Brian would like to thank some generous, drunken brother for his three signatures.

Sunday was spent in protest as we again took to the field looking for our second victory. With two minutes left on the clock and trailing Delta Chi 14-6, Jesse Kukier, back from his injury, directed Rho to its second touchdown. We recovered our on-side kick and again drove down to another score. Leading 18-14 with 25 seconds left, we kicked one. The resulting three penalties left Delta Chi on our 2 yard line with no time left on the clock. Somehow they scored, I guess it was just over time. Delta Chi went 50 yards in two plays, 35 of those yards in penalties, and ran their last play, after time was out they scored and beat us.

Before I close, congrats go to Bob Anderson, Gary Anderson, Jeff Acker and Bob Duden for attaining the ranks of Who's Who.

See you Friday in the blood line and Friday night at our house, 8:00 for the party. Pledge your blood to us and come on over.

Flash, this has got to be the laugh of the semester. The long awaited presence of super-star Eli El Kid was felt by Delta Chi Sunday. Eli had been sidelined all year with injuries. He immediately took control of the defense and did his usual superlative job, until he broke his arm! Too bad, El Kid, bye bye!!

* * * *

Misery is. . . finding out that when you graduate, the only place you are eligible for a job is at ERAU.

Double misery is. . . finding out that the pay is less than you were making on work study.

DELTA CHI

BY BOB ARGILA

We showed our finest spirit of the year as we rallied in the final seconds of the football game, last Sunday, to defeat Alpha Eta Rho. With our backs against the wall, Paul Barry completed a pass to Kent Roper and we won 20-18, to remain undefeated. We spent the rest of the weekend in leisure except for occasional moments of hostilities directed at our friends...and neighbors across the street. Saturday dawned bright and early - all quiet on the Western front, as the first Armada, better known as the floating fleet, invaded the fountain, home port of Alpha Eta Rho. The heavy artillery was immediately released, followed swiftly by a counter-attack.

The referees, better known as the Daytona Police, found the survivors scattered between the two houses. A temporary armistice was signed and an arms build-up proceeded.

Hostilities were reopened again Monday night. All hell broke loose as both houses passed back and forth into enemy hands. Among the losses were one organ, one marketing test, three pairs of underwear, and one pledge of an undetermined source.

Along with our valiant efforts, over 300 gallons of water was lost, if we could only convert that water to blood, imagine all the lives we would have saved...GIVE BLOOD FRIDAY!!

SIGMA CHI DELTA

BY RUSS STRINE

The brothers of Sigma Chi Delta are back again this week after a very successful weekend of fund raising. Last Saturday the brothers donated their services to the community and tackled any and all odd jobs that were encountered. In all, we made several hundred dollars in donation and are getting closer to our ultimate goal of \$1500 dollars which we need to finance our fraternity,

which goes national with Sigma Chi late this winter.

We will all be available from 7am to 5pm again this Saturday to tackle any jobs which may come up. Already we've got some return trips scheduled as some of last week-end's customers asked us to come back again this weekend.

Speaking for Sigma Chi Delta, I would like to thank everyone who asked us out to work. Although many of us worked up quite a sweat (and appetite), we thoroughly enjoyed the whole weekend.

While Sigma Chi Delta had a good day Saturday, we did come up against some opposition on the IPC gridiron on Sunday. We went down to defeat against Sigma Phi Delta, final score, 20-12. Congratulations Sigma Chi Delta on a good game.

This Friday is the Blood Drive! Lets' see everyone participate! This year its being held in the OLD academic building.

GAMMA PLEDGE CLASS

BY OLLIE GAGNE

Last week-end was a busy one for both the pledges and the actives. We had a car wash and the actives had their rent-a-brother day. Both proved to be a great success. Not only did the people of the community and the student body cooperate, but even the weatherman dia.

Cars were not the only things we washed. Pledge brother Harry Wilkes gets credit for two dogs, which was quite a sight to see, and several other pledge brothers get credit for a Dodge mobile home and one airplane. I thought sure

that the sign said cars only.

We would also like to thank Dan Martin for the signs he made for us. Dan did an excellent job on such a short notice. Thanks a lot Dan.

Remember today is the day we all will bleed a little. It only takes a few minutes and it could save a life, so please give if you are able to.

VETS ASSO.



BY ROBERT STAMBOVSKY

There is in the planning a trip to Cape Kennedy for all students. Also a trip to Busch Gardens, Tampa, Florida.

Incorporation is almost final. All members are urged to get their dues into the bookstore.

Next meeting will be November 6th, 1970.

Give blood today for the Vets.

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sports

BY DON NICHOLS

Intramural football again had some hard hitting and good games last week-end. The Beagles, after a couple of weeks rest, did the duty on the Mod Squad, 41-7. The Jets won due to a forfeit by the Chargers, while F' Troop dropped from the undefeated ranks at the hands of the Hot Nuts, 14-12. The F' Troop-Hot Nuts game was the best game played so far this season. The Hot Nuts scored the winning TD with only a few minutes remaining in the second half. F' Troop was threatening to score when the Hot Nuts came up with a key interception and ran out the clock. So, with only a few weeks remaining to play, the big game will be between the Beagles and the Jets.

In Inter-fraternity games, Alpha Eta Rho dropped a close one to Delta Chi, 20-18. This was definitely a clean, hard-played game. Much credit is due both teams for outstanding sportsmanship. Sigma Phi Delta finally got it together to roll over Sigma Chi Delta, 20-12. There was a question raised by Gary Spangler concerning the length of time allowed for the second half. What Gary Spangler does not understand is that the inter-fraternity teams play under different rules than do the intramural teams. These rules in the inter-fraternity games are subject to change each week at the discretion of some of the players. I am not permitted to referee these games as I have been told that I am prejudiced. So, Gary, I hope this clears up that question for you. All games are cancelled for this week and will be played November 22nd.

In college football, another team dropped from the undefeated ranks. Auburn was upset by LSU, 17-9. Tennessee did what was expected of them: they clobbered Florida, 38-7, much to the chagrin of our editor, who lost his second six pack of Michelob to this prognosticator. Stanford had a hard time putting down the charges of UCLA: but finally won, 9-7. What a game that must have been. It looks as though Stanford will be in the Rose Bowl, facing either Ohio State or an outside shot, Notre Dame. In any case, either team would prove to be a well-matched opponent for Stanford.

Four major upsets took the spotlight last week-end, as noted before. LSU upset Auburn; Oregon slid by Southern California, 10-7. Wake Forrest scored with only seconds remaining to upend North Carolina, 14-13; while Northwestern stopped Purdue, 38-14.

Mike Wise, my hardy assistant, flew to Colorado to watch the Air Force-Boston College game. Mike states that the Air Forces defense won the game and is really tough. Poor Mike was disappointed as Boston College was defeated, 35-10. Michigan remained undefeated by trouncing Minnesota, 39-13. Kansas State surprised Oklahoma and beat them, 19-14. So, Mississippi, who up-ended "Ole Miss" was literally clobbered by Mississippi State. Mississippi State apparently was not impressed by the win over "Ole Miss" and pulled out all the stops and won, 51-15. Game of the week - Auburn vs Florida. The record for this column is 90 wins, 52 losses and two ties for a percentage of .625.

* * * *

Happiness is... 18 year olds with full majority rights.

Happiness is... not being caught illegally parked.

STANDINGS IN INTRAMURAL FOOTBALL

Jets	3-0
Beagles	3-0
F Troop	3-0
Hot Nuts	3-1
Mod Squad	0-3
Chargers	0-4

Interfraternity:

Delta Chi	4-0
Sigma Chi Delta	2-2
Sigma Phi Delta	1-3
Alpha Eta Rho	1-3

Football Forecasts

Air Force 7 over Arizona;
 Arkansas over Texas A & M;
 Auburn 7 over Florida;
 Boston College over Army;
 Duke over Georgia Tech;
 Florida St. over Miami;
 Georgia over S. Carolina;
 Houston over Tulsa;
 Kansas over Oklahoma St.;
 Kansas St. over Missouri;
 Kentucky over N. Carolina St.;
 Michigan 10 over Wisconsin;
 Michigan St. over Indiana;
 Mississippi St. over Alabama;
 Nebraska over Colorado;
 Notre Dame 14 over Navy;
 Ohio State 10 over Northwestern;
 Oklahoma over Iowa State;
 Oregon over Washington;
 Pittsburgh 7 over Syracuse;
 Purdue over Illinois;
 USC 10 over California;
 Stanford 10 over Oregon St;
 Tennessee 7 over Wake Forest;
 Texas over SMU.

Regarding the list of "Who's Who among Students in American Universities and Colleges" in last weeks' AVION: Barbara Gathany's name was entered incorrectly due to a lay out mistake.

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9-9 DAILY



TAPEWORM

HOLLY HILL PLAZA

EMBRY RIDDLE DIVING EAGLES

During each trimester, the Diving Eagles hold what has come to be known as a "Generator Dive". This dive is actually a party held at Blue Springs and it usually lasts most of the night. This party is open to anyone who wants to have a good time, not just members of the SCUBA Club. The springs will be illuminated by floodlights and lifeguards will be present if anyone wishes to swim. To partially cover the cost of this fling we charge \$2.00 per person or \$2.00 per couple for all the beer and hamburgers you can hold. We also have mixes for those who want to bring their own hard stuff. As you can see, its just as cheap stag or drag.

The date set for the party is Saturday, November 21, anytime after 6:00 pm. If you decide to go, see a member of the Diving Eagles for a ticket.

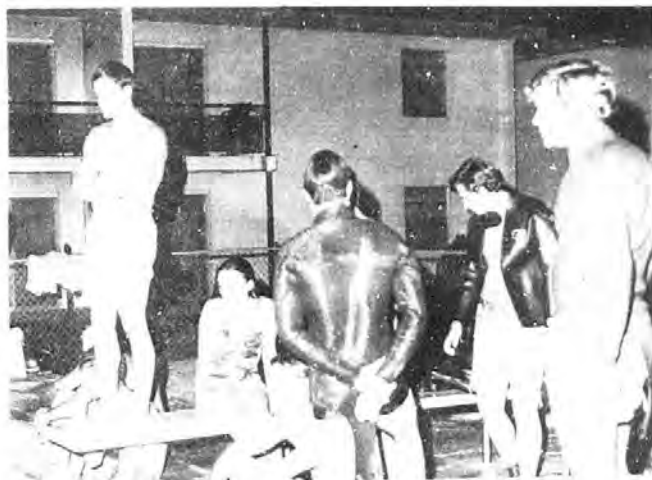
The SCUBA course has only one more week to run before the final exam. Ralph Wicklund and Ron Byerly, instructors for the course, are hoping to certify 19 new divers at the end of next week.

The SCUBA course has both classroom and pool sessions twice a week for seven weeks and the pictures accompanying this article show the students getting a workout in the pool at Dorm II.

We have a very easy dive planned for this week end to be held at Silver Glen. This dive is open to all members AND to the students in the SCUBA course. Only snorkeling gear will be used this time since the water depth averages 6-12 feet. No one should have trouble getting to the bottom.

The reason for the dive is a driftwood contest. A fifth of Seagrams Seven is the prize for the most unusual piece of driftwood. Divers will leave from Dorm I Sunday, November 1, at 8:30am.

Saturday, November 21, is Party Night. See a club member for your tickets.



SOCCKER NEWS

Tuesday, October 20th, the Eagles met the Stetson Hatters at Stetson Field in Deland. Unfavorable weather conditions proved not to dampen the spirit of either team. Stetson led the way by a goal scored by one of the Eagles fullbacks trying to head the ball away from the goal. The Eagles retaliated with a goal by Mark Conyne. The Eagles scored the go ahead goal with a shot by Gary Haupt assisted by Tom Conte, the right wing. The Hatters tied the score at 2-2 with a penalty kick late in the third quarter. The Eagles had their turn at penalty kicks when Gary Haupt was tripped up by one of the Hatters' defensive linemen Keith Leach converted for the go ahead goal. Stetson, late in the fourth quarter, tied it once again making the score 3-3. Regulation time ran out with the score tied 3-3. The game went into overtime with the Eagles controlling the ball but neither team was able to muster a score. The final score was the Eagles 3-the Hatters 3.

The Eagle opened the season at home Thursday, October 22, hosting Miami-Dade South. This game proved to be the first team effort witnessed during the course of the season. Miami-Dade opened the scoring by a penalty kick jumping off to a 1 to 0 lead. Gary Haupt scored for the Eagles from the right wing position from about 30 yards out. Miami-Dade pushed three more goals by while the Eagles only scored once more making the final score Miami 4- the Eagles 2.

The second home game of the season brought Florida Institute of Technology from Melbourne to face the Flying Eagles. FIT led the way in scoring early

in the first quarter making the score 1 to 0. Gary Haupt, taking a cross from the left side from Mark Conyne headed the ball into the goal tying the score 1-1. Embry-Riddle then came back with another goal by Azikiwe unassisted. Embry-Riddle then added the clinching goal making it 5-2. FIT was unable to break down the Eagles' defense led by Paul Vargo. Final score was Embry-Riddle 5-FIT 2.

The Eagles travel to Gainesville this Saturday, October 31, to meet the University of Florida. Game time is 10:15am.



MARK CONYNE ADVANCES TO BALL PASSED FROM FELIX EBIWA....



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MOUSE ENROLLMENT

BY RON DEVOY

At last count 521 mice have been enrolled at various colleges and research institutions throughout the nation.

The enrollment was the culmination of a two week drive for the American Cancer Society, sponsored by Alpha Eta Rho at Embry-Riddle.

"Send a mouse to college" buttons and Peter Max posters were sold in the student center. For each thirty-four cents

collected, a cancer research mouse was added to the growing list of college freshmen around the country.

Both myself, and the American Cancer Society wish to thank the students of Embry-Riddle and the members of Delta Chi, and Sigma Phi Delta for the enthusiasm that they showed for the cancer drive.

In fact, Hank Toohey of Delta Chi showed so much enthusiasm that he is presently enroute to U.C.L.A. with 27 mice.

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Senate minio minutes

recorded by: J.A. Rinkle

edited by: Paul Eddy

October 27, 1970

The twenty-second regular meeting of the SGA Senate was held today in Room 108 with 40 members attending. The meeting was called to order at 12:15 by Speaker of the Senate Terry Owens: the minutes of the previous meeting were accepted unanimously after the following correction: The contract for ring sales with the John Roberts Company will be in effect for a period of three years or the sale of 1,000 rings, whichever comes first.

Blood Drive. Plans for the October 30 Blood Drive include a reporter and photographer from the News-Journal and a jump-in at 1 pm by the Parachute Club. A motion to appropriate the funds for rental of an aircraft for the jump-in (not to exceed \$30) was passed by the Senate unanimously.

Social Functions. The Halloween Costume Ball at the Desert Inn October 31 will feature absolutely dreadful decorations and some monstrous entertainment.

Food Service. The administration has agreed to reduce its percentage on the vending machines to 10 per cent. Sands feels this will stabilize prices for the near future. Although the snack bar facility cannot be physically expanded, its menu can and will be enlarged within reason. Also, the snack bar's hours will be extended to 4 pm on an experimental basis; if the extra hour does not bring in sufficient trade, closing time will be returned to 3 pm. In regard to the maintenance and sanitation conditions of the machines, Sands reports that it has four times as many machines at General Electric but only a 15 per cent maintenance record, compared to ERAU's 100 per cent. This would suggest that a minority of students abuse the machines, to the detriment and inconvenience of the majority. However, the administration and Sands will do all they can to maintain machines in working order, if students will cooperate.

Q: Why is there no microwave oven at Dorm I?

A: There does not seem to be a need for one, but one will be installed if Sands can be assured that it will not be destroyed.

Q: If Sands' records usually show their operation at Riddle as a loss, why do they continue to operate here?

A: Sands presumes ERAU will continue to grow. (Not all quarters show losses--usually two a year show losses, the other two show profits.)

Q: Are there any existing health regulations covering the vending machines?

A: At the present time there is no state or Federal code of standards covering vending machines, but Sands subscribes to the Code of the National Automatic Merchandisers' Association.

Q: For how long are the sandwiches considered good?

A: The State Health Department stipulates that a sandwich under refrigeration is good for six days. However, Sands' sandwiches are color-coded for six days a week, and they are removed on the third day. There should never be more than two colors in a machine at one time, meaning that no sandwiches should be more than two days old.

Q: Why is Sands the only food company on campus? Why not some competition?

A: Two companies wouldn't bother competing on a campus of this size. If the Chuck Wagon came on campus and undercut Sands, Sands would leave. This would leave the student with lower-priced food obtainable only two or three hours a day; with the Sands machines, students may purchase food whenever they need it.

Q: How about improving the quality of the contents of the sandwiches? Forty-five cents is a lot to pay for a bun and two pieces of gristle.

A: Sands' products are subject to rigid quality-control. When a product slips past this control, Sands would appreciate the customer returning the inferior product to a Sands representative. The customer will receive reimbursement and an apology.

Q: Many people are short-changed by the machines. Also, could the attendant on duty in the Student Center extend her hours?

Ralph Dietz, Chairman of the Food Service Committee, stated that complaint forms are being printed which may be filled out by customers and deposited in boxes for that purpose. Mr. Dietz will forward the complaints to Mr. Gervase on a weekly basis.

President's Report. A motion to withdraw the boycott scheduled for November 2 was passed, 30 for, 5 abstaining.

Vice President. Stephen Avery requested that Dean Mansfield be asked to explain the purpose of not allowing students to pledge a fraternity until their second trimester. Mr. Avery also stated that a permanent book of regulations governing intramural football is needed; furthermore, the present playing field is in poor condition; and referees should be hired from outside the school.

The Curriculum Committee will investigate the possibility of obtaining four credits for the CFI course before next year.

Third Vice President. Rings sales kits, samples, etc., have not yet arrived, so ring sales are not yet underway.

Facilities. Many students have complained of being drenched by the lawn sprinklers at the new complex. The maintenance department will reschedule the sprinkling hours to avoid class-changing times.

A & P Grievance. The A & P Grievance Committee requested that its status be changed from temporary to permanent. The Executive Board will consider this, along with a name change to "Student Relations Committee." The committee has set up regular meetings with Dean Davis and Mr. Barrs for the first Thursday of every month, beginning in November.

New Business. Basic Science for Aerospace Vehicles (Northrup) is required for SL-11 and SL-13 but is not available in the bookstore (and has not been for some time). Basic Science for Aviation Maintenance Technicians (Caswell) is required for SL-10 and is available; however, many students feel it should be replaced by the Northrup manual above. This matter was sent to the A & P Grievance Committee.

Although the current school catalog offers a flight engineering course and an ATR course, neither course has yet been approved by the FAA.

Football. Dean Mansfield suggested using the old soccer field for intramural football, as was done last year. Mr. Hoyle will be contacted about this.

Parachute Club. It was suggested that the Sport Parachute Club submit a complete breakdown of funds needed for the DeLand meet to Dean Mansfield's office, as the first step in applying for financing through the school's athletic fund.

Trophies. A motion to permit any organization who has won the Blood Drive advertising and/or dried-blood competition for three consecutive Blood Drives to permanently retain the trophy (ies) won was passed unanimously.

The meeting was adjourned at 1:20.

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THE PROBLEM OF PROBLEMS

BY LINDA COLGAN

After two weeks of carrying a heavy cloud of "What do I write for an editorial?" over my head, it became somewhat obvious that the germ of an idea I usually grasp at and build on was not coming. So I talked with several students and faculty members about topics such as the lack of sports on campus, the administration's conduct, the low student morale, the high price of food/tuition/books, etc. Although there were many varied opinions, there were few and varied answers to these problems, most of which were based on assorted and conflicting facts from diverse sources.

Which leads me into another germ of thought to expound on, and that is the problem of dealing with problems.

There are many areas at Embry-Riddle in which reform is badly needed. In general the vending machines have, in my opinion tasteless, overlybreaded, high priced food. The library needs new books badly and the student newspaper is long overdue for a new format, to mention a few. But unless these areas are investigated and solutions to these problems proposed, there will be little, if any action taken to remedy them.

For example, if the Student Senate decides to boycott the Sands machines their efforts will be useless unless they develop an alternative to the machines and the high cost of food to students, estimate the cost of changing from the present to a new system, and propose means to finance and maintain such an alternative. A solution must be presented to the administration with the grievances, if anything is to be accomplished.

Many students are complaining about the ability of one of the Management instructors in the classroom, but no one has formally voiced a complaint stating why students are

dissatisfied and what action should be taken. Until this is done, no administrator is going to investigate. Grumbling among people is common and unless that grumbling becomes a stated grievance, few people in the administration will listen seriously.

We, as students, must realize that we are entitled to complain if we complain constructively, and we have the means to improve our lot if we can offer solutions to our grievances. Boycotss, editorials, laws, all mean nothing if they are not reasonable, just, and able to remedy problems and control their reoccurrence.

I do not mean that we should write a petition or make an appointment to see President Hunt each time we have a complaint, but if we talk to other students and faculty, and listen to their views, collect our facts and verify them, and decide that we have legitimate cause to initiate action, then it is in our best interest to go to the appropriate source of help.

To complete this action the administration must keep an open line of communication between themselves and the students. They must listen to the voice of the student body and evaluate the problems presented to them. The administration of a university must put the wants and needs of the students first, above all other priorities; education is the livelihood of this "business" and students are the means of maintaining that livelihood. They must be catered to.

To conclude then, we must learn to differentiate between our valid and invalid opinions, to organize our ideas into legi-

itimate grievances and to formulate answers to our problems. By doing this, we will be able to continue to improve our standards at this school and to bring about the necessary changes that are essential to the maintenance of the university.

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By DONALD E. BUNDY

1. At a altitude of 10,000 feet there is a total pressure of 500 millimeters of mercury. What would the partial pressure of oxygen be at this altitude? Select the closest answer:

- 1) 500 mm of mercury
- 2) 400 mm of mercury
- 3) 300 mm of mercury
- 4) 100 mm of mercury

2. The inner ear is not capable of detecting certain motions; these motions are most likely to be:

- 1) large changes in velocity in roll
- 2) centrifugal force, but not gravity
- 3) gravity, but not centrifugal force
- 4) small changes in velocity in pitch and roll

3. In making a cross country flight, a pilot should consider his maximum altitude in respect to the oxygen level to prevent hypoxia symptoms. This altitude would most likely be: (note unpressurized aircraft)

- 1) 15,000 feet for night IFR flight
- 2) 10,000 feet for night VFR flight
- 3) 5,000 feet for day VFR flight

4) 10,000 feet for day VFR flight or IFR flight

4. Of the sources available to the pilot to maintain equilibrium and orientation; which are usable only in VFR flight and cannot be used or relied on during IFR flight?

- 1) motion sensing organs of the inner ear
- 2) postural senses, touch pressure, tension
- 3) sense of sight
- 4) motion and postural

5. Man is capable of performing numerous tasks which require skill while he is receiving a sufficient amount of oxygen; this oxygen requires a partial pressure in order to be absorbed by the hemoglobin of the blood. The point at which man is not receiving sufficient oxygen begins at a oxygen partial pressure of:

- 1) 200 mm of mercury
- 2) 100 mm of mercury
- 3) 300 mm of mercury
- 4) 400 mm of mercury

ANSWERS TO FLIGHT QUIZ ON PAGE 16....

Daytona Beach, Fla....Oct. 26... The Sears Foundation through its local Sears, Roebuck and Company Manager, Mr. Tom Weatherall, just released an unrestricted grant of \$1,000 to Embry-Riddle. The Sears Foundation grant will be applied by the ERAU Executive Committee in a meaningful area of higher aviation education.

OLDEST SENATOR

By GARY ANDERSON

Some of the students have been complaining that their SGA senators are too old to understand student problems, and that they are insensitive to student needs. To dispell this fear, I did some research on Leland Bogg - our oldest senator.

At 109 years of age Leland is still alert, breathing, and sometimes even comprehensible.

A veteran of the Spanish-American War, Leland still wears a "Let's Keep the Spaniards In Their Place" button. He enrolled at Embry-Riddle shortly after its' conception in 1926, where he majored in Zeppelin Technology. In 1928 he was elected to the Student House of Burgesses which later became the senate.

Senator Bogg is a well-known figure on campus and he has become famous for his colorful habit of drooling during committee reports, and his spectacular lack of kidney control

Although his strong views alienate some students, his avowed policy of "Let's Kill Everybody" makes him an ever-popular keynote speaker at convocation.

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SAFETY TIPS FROM SID

I was over at Marge's workshop the other day and got some of the pamphlets that she had obtained for student use.

I was really surprised that so much of the material was left, because it was valuable information that was directly applicable to everyday flight.

Which leads into this week's article concerning "The Word".

The word, or more correctly, the absence of it, is probably more responsible for accidents than any other single factor.

By now you're probably wondering what the devil I'm talking about, so I'll explain:

How many times have you heard the old line, "I don't know", or "I forgot" or as a last resort, "It happened so fast!" These answers are usually related to questions concerning why a pilot ran into bad weather, or how he messed up the plane getting out of it, why he mis-read his instruments or mis-tuned his communications or navigation equipment, why he showed up at the flight line with his physical being in not as good a shape as his aircraft, or vice-versa.

The list is endless and usually is of no direct consequence, but occasionally, the list mounts up and then it ends in disaster.

Consider a pilot starting his cross-country and not knowing his fuel system as well as he should. If the trip is short enough, it will probably be uneventful. But if he doesn't select the right tanks, doesn't properly ration his fuel, or miscalculates it altogether (and on top of that gets lost in the process) he is likely to end up on the statistics list.

There is really no reason for not receiving the word, or acquiring the knowledge necessary for safe flight. There are plenty of manuals available, usually at a nominal fee, or free, which will provide the pilot with more than adequate information on the functions of aircraft systems, weather phenomena, procedures, etc

The pilot who studies all of the available information is much more prepared to tackle the problems associated with flight than the pilot (?) who takes all for granted, and then gets himself into trouble.

Remember, the best place to do your flight homework is on the ground, not as you lift off the runway.

* * * *

Answers to the Flight Quiz

1-4; 2-4; 3-4; 4-4; 5-2.

AIR SCIENCE STUDENTS!!

ANY GRIPES?

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NEW COED SPOTLIGHT

Nancy Coates, another one of our new coeds, commutes from Tomaka Oaks in Ormond Beach. Graduating from Seabreeze High School, Nancy is currently enrolled in the Engineering program. She is presently enrolled in academics towards her B.S. degree, but she plans on taking flight during the summer trimester. Nancy is not really definite about what career she wants to pursue as of yet.

However, she has decided to journey to the New England states to seek employment.

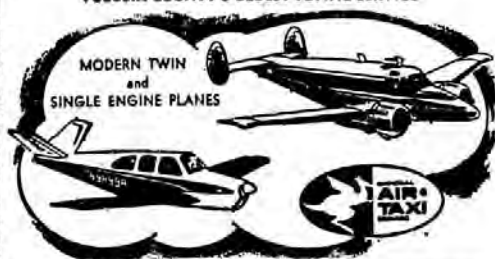
Nancy's hobbies include art and tennis.



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"MERRIMAC" PROJECT

Ever since Embry-Riddle began offering academic curriculums in the early 1960's, students and faculty members have been voicing the need for more equipment and financial backing for class projects which would allow the students to apply their accumulated classroom knowledge in a practical and worthwhile endeavor. The various technological departments have suggested various projects of this sort, but the problem of "lack of funds" has usually been the doom of each. This is especially true in the Engineering Department where very few ideas have ever gotten off of the drawing board.

There have been some projects, especially in the A&P division, which have been completed, such as the first Stearman, which flew in 1968, and Mr. Bolton's turbine car, but there are many others which have fallen by the wayside in favor of installation of a new administrator or purchase of new equipment. Some of these delayed or abandoned projects include the completion of the second Stearman, the restoring of the A-26, and the final steps towards completion of the wind tunnel.

The big wind tunnel is a prime example of a half-way project here at Riddle. The wind tunnel was begun in 1967 when a "lack of funds" announcement brought the project to a grinding halt. Since then the \$20,000 worth of buildings, equipment and components already completed have laid dormant in the little white building near the airport. The tunnel still needs about \$12,000 worth of instrumentation before it can be of any practical value to the school. Expensive? Yes! But the tunnel has the potential to earn money for the school through research grants, to earn the school a lot of publicity, and to offer the most practical means of demonstrating the theories of Aerodynamics to students in all curriculums. However, the people in the big TAN building on Midway Ave. have decided that the project is not feasible so we must do without.

There is however, a project in the chute that will prove once again that Embry-Riddle is not just a hypothetical institution. This project goes under the name of "Merrimac" and is the work of the ERAU Engineering Department.

The "Merrimac" is an air-cushion vehicle which is nearing completion in the wind tunnel building under the direction of Mr. Loomis. The design is basically of English origin and was intended as a home-built for hobbyists. Embry-Riddle's re-designed version is 16 feet long and gets its power from two surplus drone engines, which were scavenged along with most of the other components in order to keep costs down. When the vehicle "flies" in two or three weeks, you can bet that there will be quite a stir at the Development Office as press releases are quickly distributed.

The "Merrimac" marks a real milestone for Embry-Riddle in that it is one of the only projects ever attempted by the Engineering Department that has been completed. Needless to say the \$400.00 cost has the administration living on cloud nine as they dream of the great publicity profit which we will reap from this colorful project.

Hopefully, the "Merrimac" is just the first in a long list of projects which will now be completed. Perhaps we will see the Stearman fly, or maybe the wind tunnel will run. Maybe this is only the beginning of a new era of aviation education here at Riddle, an era when students will finally get the chance to apply their accumulated classroom knowledge to practical applications and at the same time construct lasting projects for the benefit of students of the future. I hope so.

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LITERARY BOOKLET

Contributions are now being accepted to Embry-Riddle's first literary booklet, to be published some time next trimester. Talented students are welcome to submit photography and drawings and any form of literary work: short stories, poetry, and prose. ONLY students may submit works.

The literary booklet will be a compilation of the best literary and art works of Embry-Riddle students and will be available on campus some time next spring.

Please type or print clearly each written entry and include your name and box number on each page. Contributions may be submitted to Mr. Campbell's office.

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The AVION is a weekly publication for Embry Riddle students financed by the student's activity fee through the Student Government Association.

Articles may be submitted to the AVION for publication by the Administration, the faculty and student body. The AVION deadline is every Monday. Please mark all items AVION and deposit in the basket in the trailer, the Suggestion Boxes, or ERAU Box 1568.

The opinions expressed in this paper are not necessarily those of the University or all members of the Student Body, nor do letters appearing in the AVION necessarily reflect the opinion of this newspaper.

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